PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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International Filing Date

2 3 DEC 2002

EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference (if desired) (12 characters maximum) PCT 1729-035/pa

BOX NO. I TITLE OF INVENTION METHOD FOR DATA TRAISYMBOLS WITH TRANSMISSION SYMBOL REARRANGEMENT COMMUNICATION SYSTEM THEREFOR	NSMISSION EMPLOYING GALOIS FIELD NT, TRANSMITTER, RECEIVER AND ARQ
Box No. II APPLICANT This person is also inve	
Name and address: (Family name followed by given name; for a legal entity, full official of the address must include postal code and name of country. The country of the address indibox is the applicant's State (that is, country) of residence if no State of residence is indicated to	caiea in inis 1
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	Facsimile No.
1006 KADOMA, KADOMA CITY OSAKA 571-8500	Teleprinter No.
JP .	Applicant's registration No. with the Office
State (that is, country) of nationality: JP State (that JP	is, country) of residence:
This person is applicant for the purposes of: all designated States except the United States of Americans States.	the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVE	NTOR(S)
Name and address: (Family name followed by given name; for a legal entity, full official The address must include postal code and name of country. The country of the address ind Box is the applicant's State (that is, country) of residence if no State of residence is indicated GOLITSCHEK EDLER VON ELBWART, Alexander Wilhelminenstr. 32 D-64285 Darmstadt	icaled in this
DE	Applicant's registration No. with the Office
State (that is, country) of nationality: DE State (that DE	t is, country) of residence:
This person is applicant for the purposes of: all designated states exception the United States of Americans.	the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on a continu	ation sheet.
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADD	RESS FOR CORRESPONDENCE
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent common representative
Name and address: (Family name followed by given name; for a legal entity, full official The address must include postal code and name of country.)	designation. Telephone No. 089 21 23 50
KUHL, Dietmar Grünecker, Kinkeldey, Stockmair	Facsimile No. 089 22 02 87
& Schwanhäusser Anwaltsozietät Maximilianstr. 58	Teleprinter No.
80538 München	Agent's registration No. with the Office
DE *	72
Address for correspondence: Mark this check-box where no agent or space above is used instead to indicate a special address to which correspondence:	common representative is/has been appointed and the spondence should be sent.

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

See Notes to the request form

Sheet No. ...2...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.						
Name and address: (Family name followed by given name The address must include postal code and name of country. Box is the applicant's State (that is, country) of residence if new WENGERTER, Christian Bahnhofstr. 10d D-63924 Kleinheubach DE	The country of the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality: DE	State (that is, country, DE	of residence:				
This person is applicant for the purposes of:		the United States of America only the States indicated in the Supplemental Box				
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State (that is, country) of nationality:	State (that is, country)	of residence:				
This person is applicant for the purposes of:		the United States of America only the States indicated in the Supplemental Box				
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State (that is, country) of nationality:	State (that is, country)	of residence:				
This person is applicant all designated for the purposes of:		the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given nam The address must include postal code and name of country. Box is the applicant's State (that is, country) of residence if n	The country of the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country)	of residence:				
This person is applicant for the purposes of:		he United States the States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated on another continuation sheet.						

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See Notes to the request form

Sheet No. ...3...

В	ox No	o. V DESIGNATION OF STAT	ES	Mark the applicable check-boxes belo	w; at i	leas	t one must be marked.	
The following designations are hereby made under Rule 4.9(a):								
Regional Patent								
	_		GM Ga	ambia, KE Kenya, LS Lesotho, M	W Ma	ılau	ti MZ Mozambique SD Sudan	
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X) EA	A Eurasian Patent: AM Armenia RU Russian Federation, TJ Tajil	AZ Az istan, T	zerbaijan, BY Belarus, KG Kyrgyzstan FM Turkmenistan, and any other State	, KZ I	Kaza	akhstan, MD Republic of Moldova	
		Patent Convention and of the PC						
K	l EP	European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT						
X	OA	A OAPI Patent: BF Burkina Fase	, BJ Be	enin, CF Central African Republic, C	G Cor	ngo.	CI Côte d'Ivoire. CM Cameroon	
		A OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)						
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Pro								
Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (in the disease)								
app	applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)							

Form PCT/RO/101 (second sheet) (July 2002)

Sheet No. ...4...

Box No. IX CHECK LIST; LANGUAGE OF FILING								
This international application contains: (a) the following number of sheets in paper form: request (including declaration sheets) : 4 description (excluding sequence listing part) : 10 claims : 3 abstract : 1 drawings : 4 Sub-total number of sheets : 22 sequence listing part of description (actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (b) below) : Total number of sheets : 22 (b) sequence listing part of description filed in computer readable form (i) only (under Section 801(a)(i)) Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column): Figure of the drawings which should accompany the abstract:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item): 1. fee calculation sheet 2. original separate power of attorney 3. original general power of attorney 4. copy of general power of attorney; reference number, if any: 5. statement explaining lack of signature 6. priority document(s) identified in Box No. VI as item(s): 7. translation of international application into (language): 8. separate indications concerning deposited microorgan or other biological material 9. sequence listing in computer readable form (indicate al and number of carriers (diskette, CD-ROM, CD-R or or (i) copy submitted for the purposes of international under Rule 13ter only (and not as part of the international application) (ii) (only where check-box (b)(i) or (b)(ii) is market column) additional copies including, where app the copy for the purposes of international search Rule 13ter (iii) together with relevant statement as to the identification of the copy or copies with the sequence listing mentioned in left column 10. other (specify): Language of filing of the international application: English C, AGENT OR COMMON REPRESENTATIVE	of items : : : : : : : : : : : : : : : : : :						
(D. Kuhi)								
Munich, 23.12.2002								
Date of actual receipt of the purported international application:	2 3. 12. 02) 2 3 DEC 2002	2. Drawings:						
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:								
4. Date of timely receipt of the required corrections under PCT Article 11(2):								
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid							
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